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(54) PYRAZOLECARBOXANILIDE DERIVATIVE AND AGENT FOR CONTROLLING HARMFUL LIFE

(57) Abstract:

NEW MATERIAL: The compound of formula I [R1 is H, alkyl, alkenyl, alkylcarbonyl, (CH2)L-CO2R4 (R4 is H, alkyl or phenyl; L is 0-3), group of formula II (R7 and R⁸ are R⁴; Z¹ is O, S, NH, etc.; Y₁ is H, halogen, NO₂, alkyl, etc.; m is 0 or 1; n is 1-5), etc., R2 is perfluoroalkyl, perfluoroalkenyl, etc.; R3 is H, halogen, NO2, CN, alkyl, alkoxy, etc.; X1 to X5 are H, halogen, NO2, alkyl, alkylthio, etc.].

EXAMPLE: 1-H-3-trifluoromethylpyrazole-5-[N-(2chloro-4-nitrophenyl)]carboxamide.

USE: An insecticidal, miticidal and herbicidal agent.

PREPARATION: The Compound of formula I can be produced e.g., by reacting a carboxylic acid halide of formula III with an aniline derivative of formula IV in the

presence of a base.

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